

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1-6. (Canceled)

7. (Previously Presented) A system including an internal combustion engine comprising:

a regenerator that accumulates heat from a heat medium and transfers heat to the heat medium;

a circulation system that circulates the heat medium;

a heat medium supply device, provided in line with the circulation system, that supplies the heat medium including heat accumulated by the regenerator to the circulation system;

a heat exchanger that lowers the temperature of the heat medium; and

a connecting restraint device that restrains circulation of the heat medium into the heat exchanger (a) when the heat medium is supplied by the heat supply device while the internal combustion engine is stopped and/or (b) when the internal combustion engine is under a cold condition,

wherein the connecting restraint device includes a pressure-sensing valve, provided in line with the circulation system, which operates according to a difference in pressure between the pressures of the heat medium flowing before and after the connecting restraint device and thereby performs the restraint of the circulation of the heat medium into the heat exchanger.

8. (Previously Presented) A system including an internal combustion engine comprising:

- a regenerator that accumulates heat from a heat medium and transfers heat to the heat medium;
- a circulation system that circulates the heat medium;
- a heat medium supply device, provided in line with the circulation system, that supplies the heat medium including heat accumulated by the regenerator to the circulation system;
- a heat exchanger that lowers the temperature of the heat medium; and
- a connecting restraint device that restrains circulation of the heat medium into the heat exchanger (a) when the heat medium is supplied by the heat supply device while the internal combustion engine is stopped and/or (b) when the internal combustion engine is under a cold condition,

wherein the connecting restraint device includes a one-way valve, provided in line with the circulation system, which opens when the valve receives pressure in a predetermined direction.

9-10. (Canceled)

11. (Previously Presented) A system including an internal combustion engine according to claim 16, wherein the connecting restraint device is a thermostat valve which closes at temperatures no greater than a predetermined temperature and thereby performs the restraint of the circulation of the heat medium into the heat exchanger.

12. (Previously Presented) A system including an internal combustion engine according to claim 16, wherein the connecting restraint device includes a pressure-sensing valve, provided in line with the circulation system, which operates according to a difference in pressure between the pressures of the heat medium before and after the connecting restraint

device and thereby performs the restraint of the circulation of the heat medium into the heat exchanger.

13. (Canceled)

14. (Previously Presented) A system for an internal combustion engine according to claim 16, wherein the connecting restraint device includes an electromagnetic opening and closing valve.

15. (Canceled)

16. (Previously Presented) A system including an internal combustion engine comprising:

a regenerator that accumulates heat from a heat medium and transfers heat to the heat medium;

a circulation system that circulates the heat medium;

a heat medium supply device, provided in line with the circulation system, that supplies the heat medium including heat accumulated by the regenerator to the circulation system;

a bypass channel that connects an inlet side of the internal combustion engine with an outlet side of the internal combustion engine;

a temperature controller that reintroduces the heat medium circulated into the internal combustion engine when the internal combustion engine is under a cold condition through the bypass channel; and

a connecting restraint device that is capable of restraining circulation of the heat medium into the bypass channel when the heat medium, including heat accumulated by the regenerator, is supplied to the internal combustion engine.

17. (Previously Presented) A system for an internal combustion engine according to claim 16, further comprising a heat exchanger.

18. (Previously Presented) A system for an internal combustion engine according to claim 16, wherein the connecting restraint device is capable of restraining circulation of the heat medium into the bypass channel when the internal combustion engine is stopped.

19. (Previously Presented) A system for an internal combustion engine according to claim 16, further comprising an additional connecting restraint device, wherein the connecting restraint device and the additional connecting restraint device restrain circulation of the heat medium into said regenerator, a heat exchanger, and a radiator when the internal combustion engine is operated under a cold condition.